

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
Environmental Science Center  
701 Mapes Road  
Fort Meade, Maryland 20755-5350**

**SUBJECT:** Response to Verification/Completeness Check – Dimock, PA Laboratory Data  
PACE-Validated Report-R33917 5057788.PDF  
PACE-Validated Report-R33917 5057872.PDF  
Memo from **Ex. 4 - CBI** Dated March 1, 2012

**FROM:** Fredrick Foreman, Chief  
Region III EAID, OASQA Technical Services Branch

**TO:** Kelley Chase, EPA Region 3 OSC  
Cynthia Caporale, EPA Region 3 OASQA

**THRU:** Cynthia Metzger, Associated Director  
Region III, EAID, OASQA

The following responses are offered in regards to observations made during the verification/completeness checks performed on this data. Feel free to contact me at 410-305-2629 or [foreman.fred@epa.gov](mailto:foreman.fred@epa.gov) if you have additional questions or concerns.

**OBSERVATIONS**

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1. The holding times were checked from the time of collection on the chain of custody (COC) to the time of analysis on the analysis log sheet. Based on the criteria in SW-846 8015 (references SW-846 Chapter 4-Organic Analysis), the holding time for an unpreserved sample for this analysis is 7 days. Table 2 states that the holding time for this method is 14 days with no preservative. In addition, the EPA R3 laboratory uses a holding time of 7 days for glycols and/or alcohols. Based on the 7-day holding time, samples FB01, HW19 and HW19-P exceeded the holding time criteria and should be qualified estimated (UJ).

**Response: Validation used the 14 day holding time as the criteria, based on Table 2 of the Residential Well Sampling QA/QC Work Plan, to evaluate these samples.**

2. Raw data was not provided, it is assumed that the sample results are all none detected and the stated concentrations in the LCS and MS/MSD tables are correct and pass their QC criteria.

**Response: Raw data was provided and reviewed during validation. LCS, MS/MSD concentration and recovery tables were evaluated during validation and any outliers noted in EPA validation report. All raw data has been retained by Region III EPA at Ft. Meade.**

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1. Analysis log sheets were not provided. It is assumed that the dates of analysis on the analytical result sheet are correct and thus are within the holding time criteria for the analysis.

**Response: Dates of analysis on the analytical results sheets were compared to analysis log**

**sheets and verified. Log sheets are retained by EPA, Region III, Ft. Meade.**

2. The continuing calibration reports were not provided. It is assumed that these checks pass the % difference criteria stated in the method and were analyzed at the proper frequency.

**Response: Continuing calibration reports were provided and evaluated during validation and any outliers noted in the EPA validation report. All raw data has been retained by Region III EPA at Ft. Meade.**

3. Raw data was not provided, it is assumed that the sample results are all none detected and the stated concentrations in the LCS and MS/MSD tables are correct and pass their QC criteria.

**Response: Sample raw data was reviewed during validation and results (none detected) verified. Concentrations in the LCS and MS/MSD tables were evaluated during validation and any outliers noted in the EPA validation report. All raw data has been retained by Region III EPA, Ft. Meade.**

cc: Sella Burchett, SERAS Project officer  
John Gilbert, ERT WAM  
Gary Newhart, ERT WAM  
**Ex. 4 - CBI** SERAS Task Leader